

Guidelines for Water Reuse

Appendix C

Abbreviations and Acronyms

Acronyms

AID	U.S. Agency for International Development	O3	ozone
ANSI	American National Standards Institute	O&M	operations and maintenance
AWT	advanced wastewater treatment	OM&R	operations, maintenance and replacement
AWWA	American Water Works Association	OWRT	Office of Water Research and Technology
BNR	biological nutrient removal	PAC	powder activated carbon
BOD	biochemical oxygen demand	PCB	polychlorinated biphenyls
CBOD	carbonaceous biochemical oxygen demand	POTW	publicly owned treatment works
CFU	colony forming units	PVC	polyvinyl chloride
COD	chemical oxygen demand	QA/QC	quality assurance/quality control
COE	U.S. Army Corps of Engineers	RAS	return activated sludge
CWA	Clean Water Act	RBC	rotating biological contactor
DO	dissolved oxygen	RO	reverse osmosis
EC	electrical conductivity	SAR	sodium adsorption ratio
EIS	environmental impact statement	SAT	soil aquifer treatment
EPA	U.S. Environmental Protection Agency	SBA	Small Business Administration
ESA	external support agency	SDWA	Safe Drinking Water Act
ET	evapotranspiration	SOC	synthetic organic chemical
FC	fecal coliform	SRF	State Revolving Fund
FmHA	Farmers Home Administration	SS	suspended solids
GAC	granular activated carbon	TCE	trichloroethylene
GC/MS	gas chromatography/mass spectroscopy	TDS	total dissolved solids
HPLC	high pressure liquid chromatography	THM	trihalomethane
IAWPRC	International Association on Water Pollution Research and Control	TKN	total Kjeldahl nitrogen
ICP	inductively coupled plasmography	TN	total nitrogen
I/I	infiltration/inflow	TOC	total organic carbon
IOC	inorganic chemicals	TOH	total organic hydrocarbons
IRCWD	International Reference Centre for Waste Disposal	TOX	total organic halides
IRWD	Irvine Ranch Water District	TP	total phosphorus
MCL	maximum contaminant level	TPH	total petroleum hydrocarbon
MCLG	maximum contaminant level goal	TSS	total suspended solids
MDL	method detection limit	UN	United Nations
MPN	most probable number	USDA	U.S. Department of Agriculture
NEPA	National Environmental Policy Act	UV	ultraviolet
NPDES	National Pollutant Discharge Elimination System	VOC	volatile organic chemicals
NPDWR	National Primary Drinking Water Regulations	WAS	waste activated sludge
NRC	National Research Council	WASH	Water and Sanitation for Health
NTU	nephelometric turbidity units	WHO	World Health Organization
		WPCF	Water Pollution Control Federation
		WRF	water reclamation facility
		WWTF	wastewater treatment facility

Abbreviations for Units of Measure

Acre	ac
Acre-foot	AF
British thermal unit	Btu
cubic feet per second	cfs
cubic meter	m ³
cubic meters per day	m ³ /d
cubic meters per second	m ³ /s
Curie	Ci
cycles per second	cps
degrees Celsius	°C
degrees Fahrenheit	°F
feet (foot)	ft
feet per year	ft/yr
Gallon	g
gallons per day	gpd
gallons per minute	gpm
hectare	ha
horsepower	hp
hour	hr
Inch	in
kilogram	kg
kilometer	km
kiloPascal	kPa
kilowatt	kW
kilowatt hour	kWh
Liter	l
liters per capita per day	lcd

liters per second	l/s
meter	m
meters per second	m/s
microgram	μg
micrograms per liter	μg/l
micrometer	μm
mile	mi
mile per hour	mph
milligram	mg
milligrams per liter	mg/l
milliliter	ml
millimeter	mm
million gallons per day	mgd
milliequivalent per liter	meq/l
minute	min
megawatt	mW
million acre feet per year	MAFY
pascal	Pa
plaque forming unit	pfu
pound	lb
pounds per square inch	psi
roentgen	R
second	S
square foot	ft ²
square inch	in ²
square meter	m ²
year	yr
